

Converting Colors

HunterLab(68.3428, -1.4468,
4.1600)

Have a look what the booklet for
HunterLab(68.3428, -1.4468, 4.1600)
contains.

HunterLab(68.2228, -1.2444, 4.0247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.2228, -1.2444,
4.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB4B5
RGB	187, 180, 181
RGB Percent	73%, 71%, 71%
CMY	0.2667, 0.2941, 0.2902
CMYK	0.00, 0.04, 0.03, 0.27
HSL	351°, 5%, 72%
HSV	351°, 4%, 73%
XYZ	45.1553, 46.5435, 50.3199
YIQ	182.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

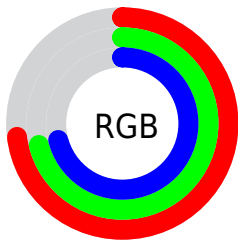
Format	Color
R_{YB}	187, 180, 181
Decimal	12301493
CIE Lab	73.90, 2.66, 0.37
CIE LCh	74, 2.683, 7.864
Yxy	46.5455, 0.3180, 0.3277
Android (android.graphics.Color)	4290491573 (0xFFBBB4B5)
YUV	182.2070, -0.5951, 4.2035
Hunter-Lab	68.2228, -1.2444, 4.0247

Details

The HunterLab color $68.2228, -1.2444, 4.0247$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.8501, -6.0725, 3.5016$, and the grayscale version is $68.4840, -3.6541, 3.7209$.

A 20% lighter version of the original color is $92.2822, -2.4112, 5.3452$, and $46.6965, -0.2326, 2.8404$ is the 20% darker color. If you saturate the color by 10%, you get $62.3511, 5.6284, 4.6850$, and if you desaturate by 10%, it is $74.3700, -7.9032, 3.5579$.

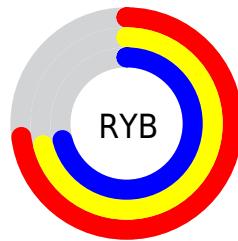
Distribution



Red (73%)

Green (71%)

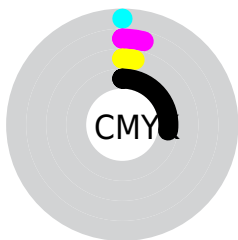
Blue (71%)



Red (73%)

Yellow (71%)

Blue (71%)

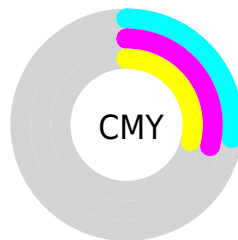


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2228, -1.2444, 4.0247 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 68.2228, -1.2444, 4.0247 by changing the saturation by 10% instead.

■ 68.2228, -1.2444,
4.0247

■ 68.2228, -1.2444,
4.0247

193.1314, -6.9350,
10.9548

■ 57.1634, -0.7907,
3.4058

■ 92.2143, -2.2774,
5.3648

■ 46.7747, -0.3798,
2.8212

105.0828, -2.8482,
6.0807

■ 37.1050, -0.0178,
2.2742

118.4997, -3.4529,
6.8258

■ 28.2124, 0.2894,
1.7678

132.4436, -4.0900,
7.5990

■ 20.1717, 0.5338,
1.3054

146.8951, -4.7580,
8.3994

■ 13.0852, 0.7030,
0.8914

161.8371, -5.4556,

■ 6.5692, 1.4119,

9.2260

0.5892

177.2539, -6.1816,
10.0780

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2228, -1.2444,
4.0247

■ 68.2228, -1.2444,
4.0247

■ 62.3511, 5.6284,
4.6850

■ 74.3700, -7.9032,
3.5579

■ 56.7969, 12.7274,
5.5698

■ 80.7511, -14.3642,
3.2508

■ 51.6205, 20.0265,
6.7159

■ 87.3381, -20.6550,
3.0788

■ 46.8943, 27.4413,
8.1536

■ 94.1074, -26.8019,
3.0208

■ 42.7052, 34.7862,

■ 94.5013, -25.0276,

9.8939

-1.5637

■ 39.1510, 41.7304,
11.9074

■ 36.3274, 47.7843,
14.0985

■ 34.3052, 52.3799,
16.2939

■ 33.0943, 55.0859,
18.2685

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.2243, -1.4027, 2.8463



68.2228, -1.2444, 4.0247



68.2243, -1.7356, 5.1025

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2243, -1.2461, 4.0258



68.2243, -5.1133, 5.4945



68.2243, -4.5474, 1.5611

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.2228, -1.2444, 4.0247



69.8501, -6.0725, 3.5016

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.2243, -5.5315, 2.2950



68.2228, -1.2444, 4.0247



68.2243, -5.8566, 4.5697

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2243, -1.2461, 4.0258



68.2243, -3.9726, 5.9404



68.2243, -6.0091, 3.4000



68.2243, -3.3147, 1.4092

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.2228, -1.2444, 4.0247



68.2243, -2.3604, 5.6219



68.2243, -6.0091, 3.4000



68.2243, -4.9180, 1.7486

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.2243, -1.2461, 4.0258



93.5103, -4.1235, 5.1934



68.3120, -0.5759, 1.2783



43.9016, -1.9568, 2.4355



97.7295, -5.2146, 5.3098



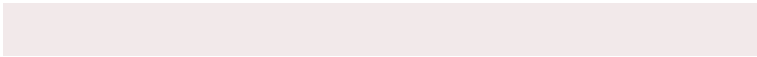
44.2712, -2.3622, 2.4053

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2243, -1.2461, 4.0258



91.0426, -1.3750, 5.4119



68.9219, -2.6351, 5.2756



32.2368, -0.2910, 1.9434



27.0910, 46.6155, 15.7895



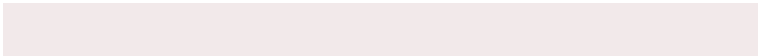
5.4285, 9.4725, 2.1435

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.2243, -1.2461, 4.0258



91.0426, -1.3750, 5.4119



69.1395, -4.6902, 2.2045



32.2368, -0.2910, 1.9434



27.0910, 46.6155, 15.7895



5.4285, 9.4725, 2.1435

Previews

White Background



This preview shows how the HunterLab color 68.2228, -1.2444, 4.0247 looks on a white background.

Color Contrast Check

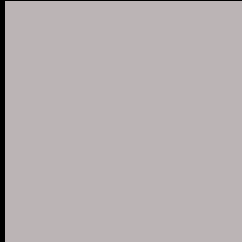
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 68.2228, -1.2444, 4.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

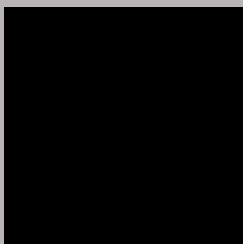
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

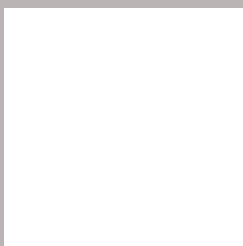
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.2228, -1.2444, 4.0247 Background



This preview shows how black text looks on a background with the HunterLab color 68.2228, -1.2444, 4.0247.

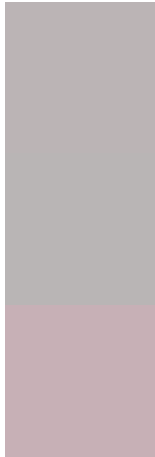


This preview shows how white text looks on a background with the HunterLab color 68.2228, -1.2444, 4.0247.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.2228, -1.2444, 4.0247

Protanopia

68.3361, -2.3787, 4.1377

Deuteranopia

68.2423, 4.8782, 3.6858



Tritanopia

68.1655, 2.2698, -1.3329

Trichromacy



Original Color

68.2228, -1.2444, 4.0247

Protanomaly

68.4274, -2.0631, 4.2500

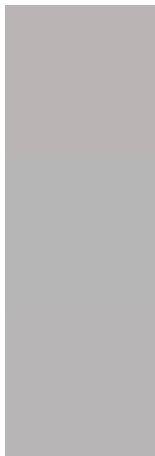
Deuteranomaly

68.1350, 3.0332, 3.5267

Tritanomaly

68.2367, 0.7503, 0.7212

Monochromacy



Original Color

68.2228, -1.2444, 4.0247

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.2755, -2.5279, 3.5952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2228, -1.2444, 4.0247 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(187, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 180, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 180, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2228, -1.2444, 4.0247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 180, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 180, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(187, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 180,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2228, -1.2444, 4.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 180, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
180, 181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor